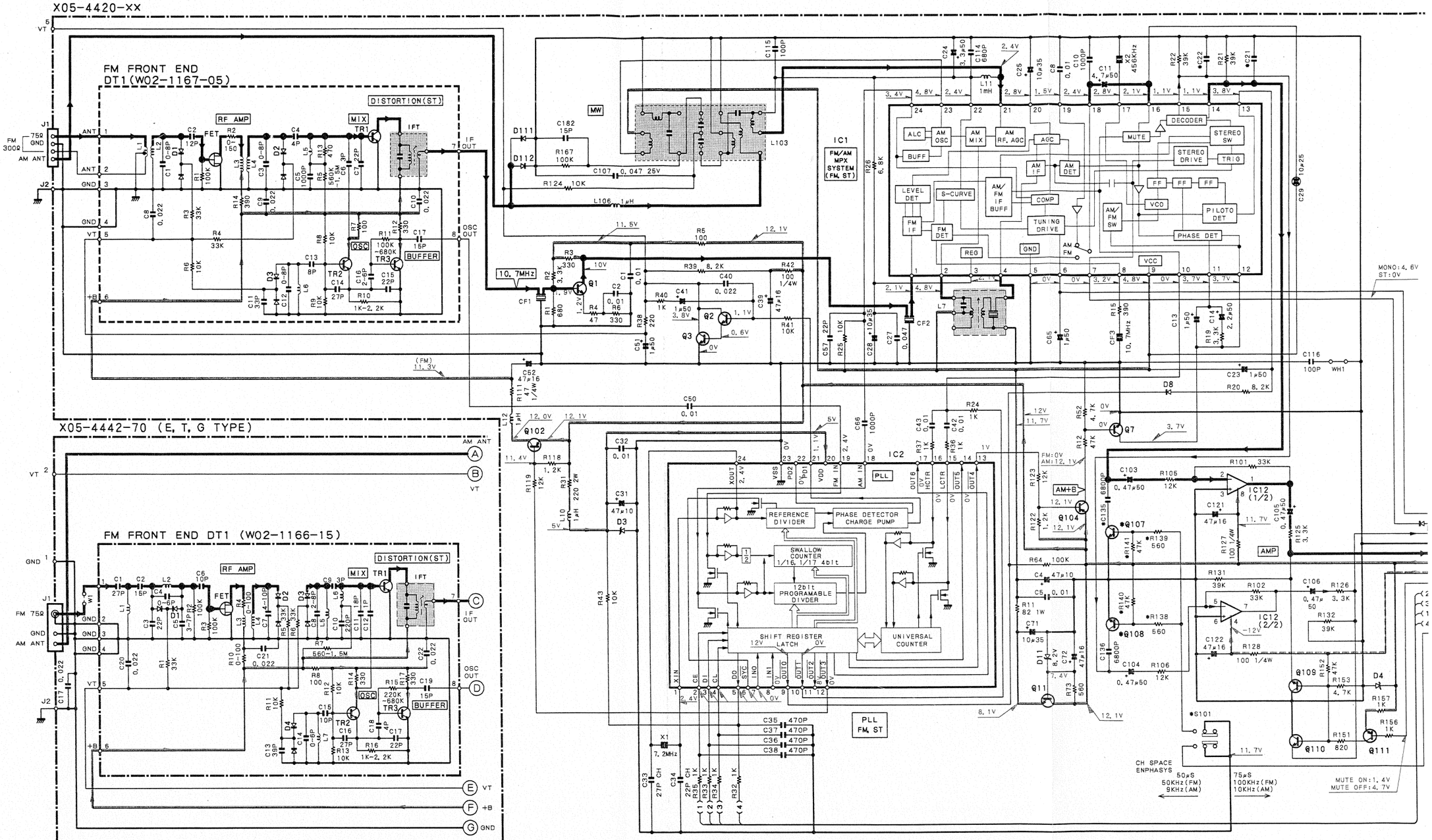
X05-4420-xx



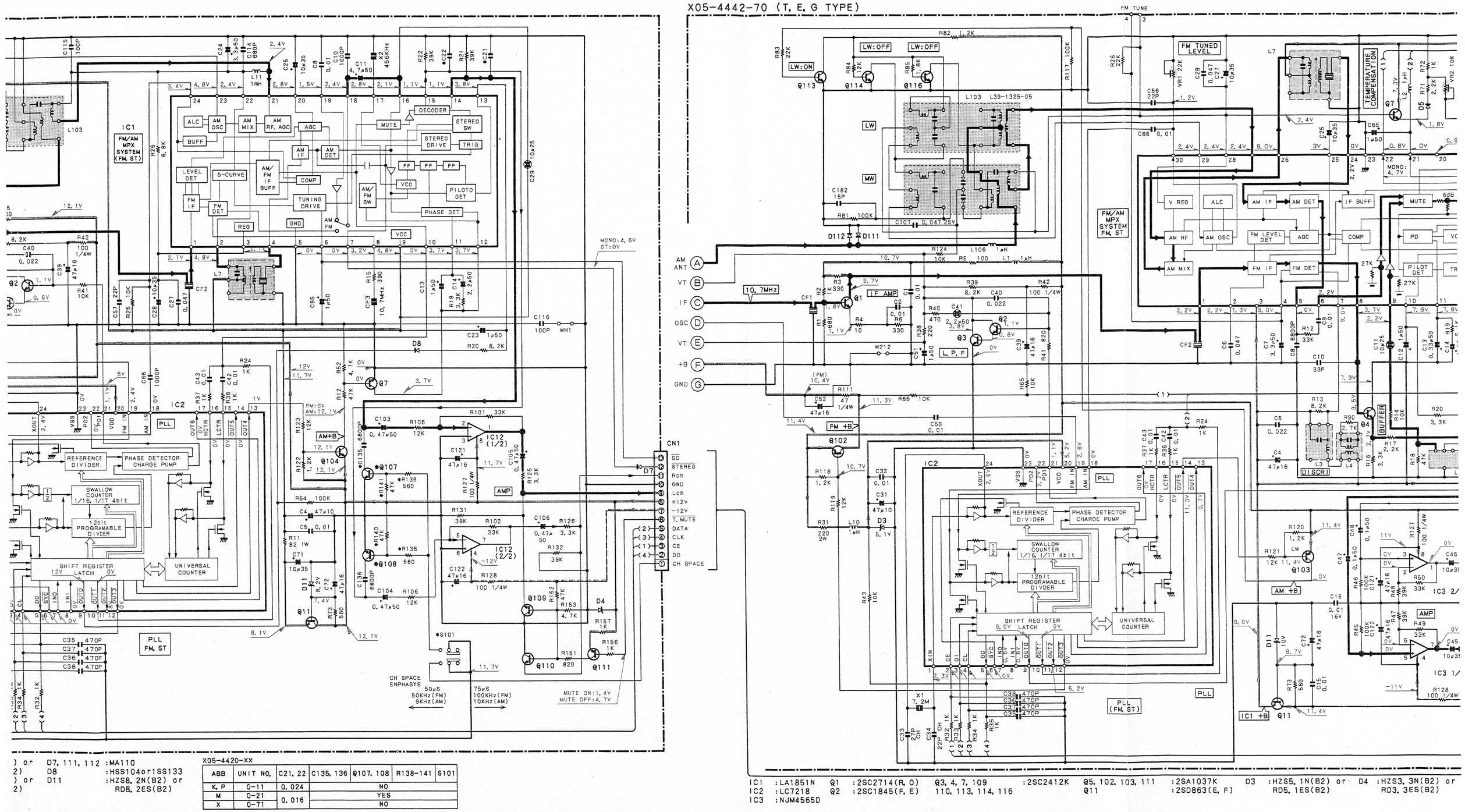
IC1 :LA1831A-KEN
IC2 :LC7218
IC12 :NJM4565D

Q1 :2SC2714(R, O)
Q2 :2SC1845(F, E)
Q3 :2SC2458(Y, GR) or 2SC3311A(Q, R)
Q7, 107~110
Q11
Q102, 104, 111 :2SC2412K
:2SD863(E, F)
:2SA1037K
D3 :HZS5, 1N(B2) or RD5, 1ES(B2)
D4 :HZS3, 3N(B2) or RD3, 3ES(B2)
D7, 111, 112 :MA110
D8 :HSS104or1SS133
D11 :HZS8, 2N(B2) or RD8, 2ES(B2)

X05-4420-xx

ABB	UNIT NO.	C21, 22	C135, 136	Q107, 108	R138-141	S101
K, P	0-11	0.024	NO			
M	0-21	0.016	YES			
X	0-71		NO			

X05-4442-70 (T, E, G TYPE)



) or D7, 111, 112 :MA110
2) D8 :HSS104 or 1SS133
) or D11 :HZS8, 2N(B2) or
2) RD8, 2ES(B2)

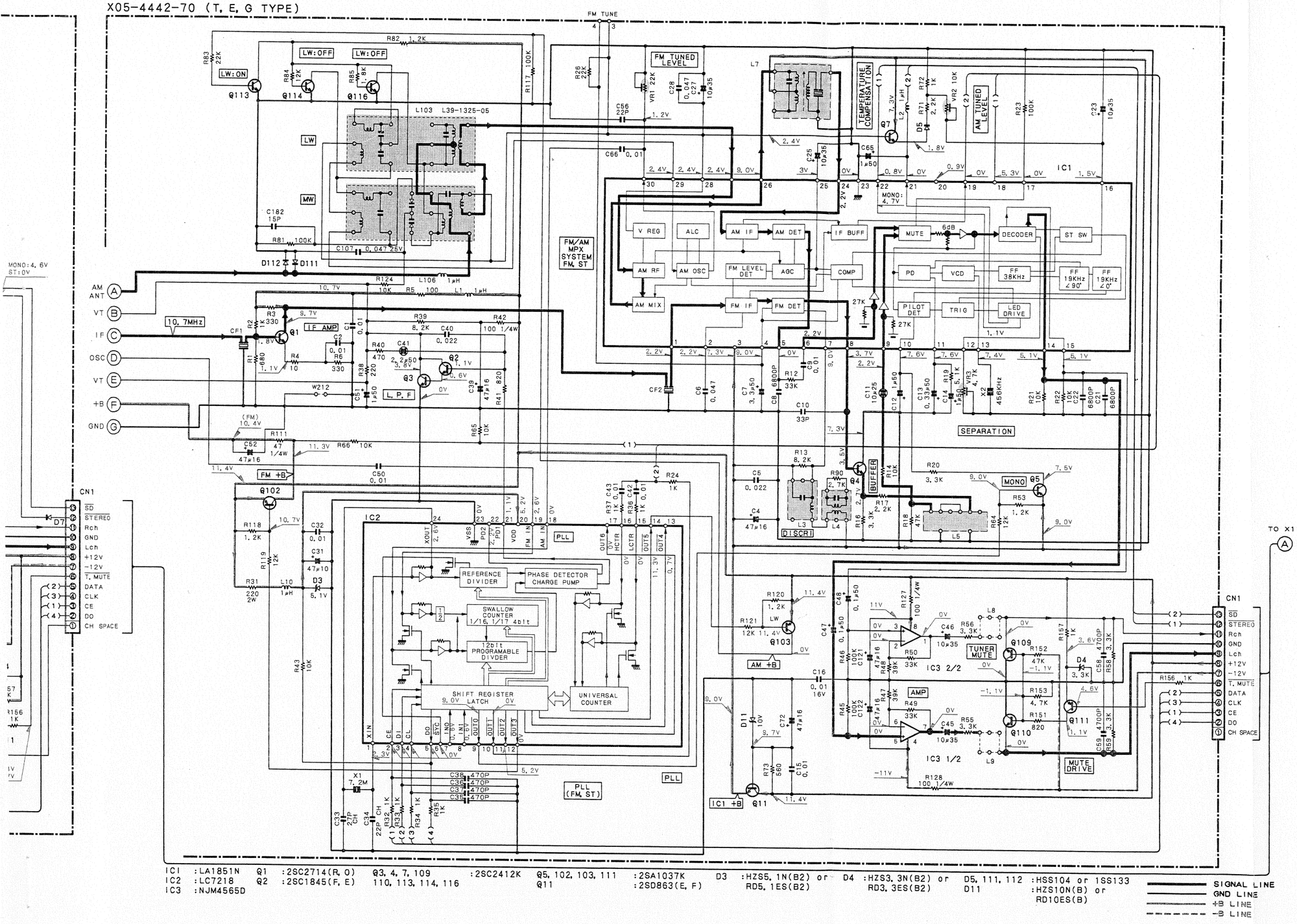
X05-4420-xx

ABB	UNIT NO.	C21, 22	C135, 136	Q107, 108	R138-141	S101
K, P	0-11	0. 024	NO			
M	0-21	0. 016	YES			
X	0-71		NO			

IC1 :LA1851N Q1 :2SC2714(R, O) Q3, 4, 7, 109 110, 113, 114, 116 :2SC2412K Q5, 102, 103, 111 Q11 :2SA1037K :2SD863(E, F) D3 :HZS5, 1N(B2) or RD5, 1ES(B2) D4 :HZS3, 3N(B2) or RD3, 3ES(B2)
IC2 :LC7218 Q2 :2SC1845(F, E)
IC3 :NJM4565D

4207

X05-4442-70 (T, E, G TYPE)



IC1 :LA1851N
IC2 :LC7218
IC3 :NJM4565D

Q1 :2SC2714(R, O)
Q2 :2SC1845(F, E)
Q3, 4, 7, 109 110, 113, 114, 116 :2SC2412K
Q5, 102, 103, 111 Q11 :2SA1037K :2SD863(E, F)

D3 :HZS5. 1N(B2) or RD5. 1ES(B2)
D4 :HZS3. 3N(B2) or RD3. 3ES(B2)
D5, 111, 112 D11 :HSS104 or 1SS133 :HZS10N(B) or RD10ES(B)

SIGNAL LINE
GND LINE
+B LINE
−B LINE

C-E9(1/4)(K)

2SA954 2SB764
2SC1845 2SC2003
2SC2878 2SD863

DTC124ES
2SA1048
2SC2458

2SA1037K
2SC2412K
2SC2714

2SD2061

UN4212
2SA1309A
2SC3311A

2SD2012
2SD2374

- DC voltages are as measured with DOLBY PRO LOGIC position (High-impedance voltmeter.). Values may vary slightly due to variations between individual instruments or/and units.

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

4207

C-E9/L

KENWOOD

Y08-5070-11

X11-353X-xx CONTROL UNIT

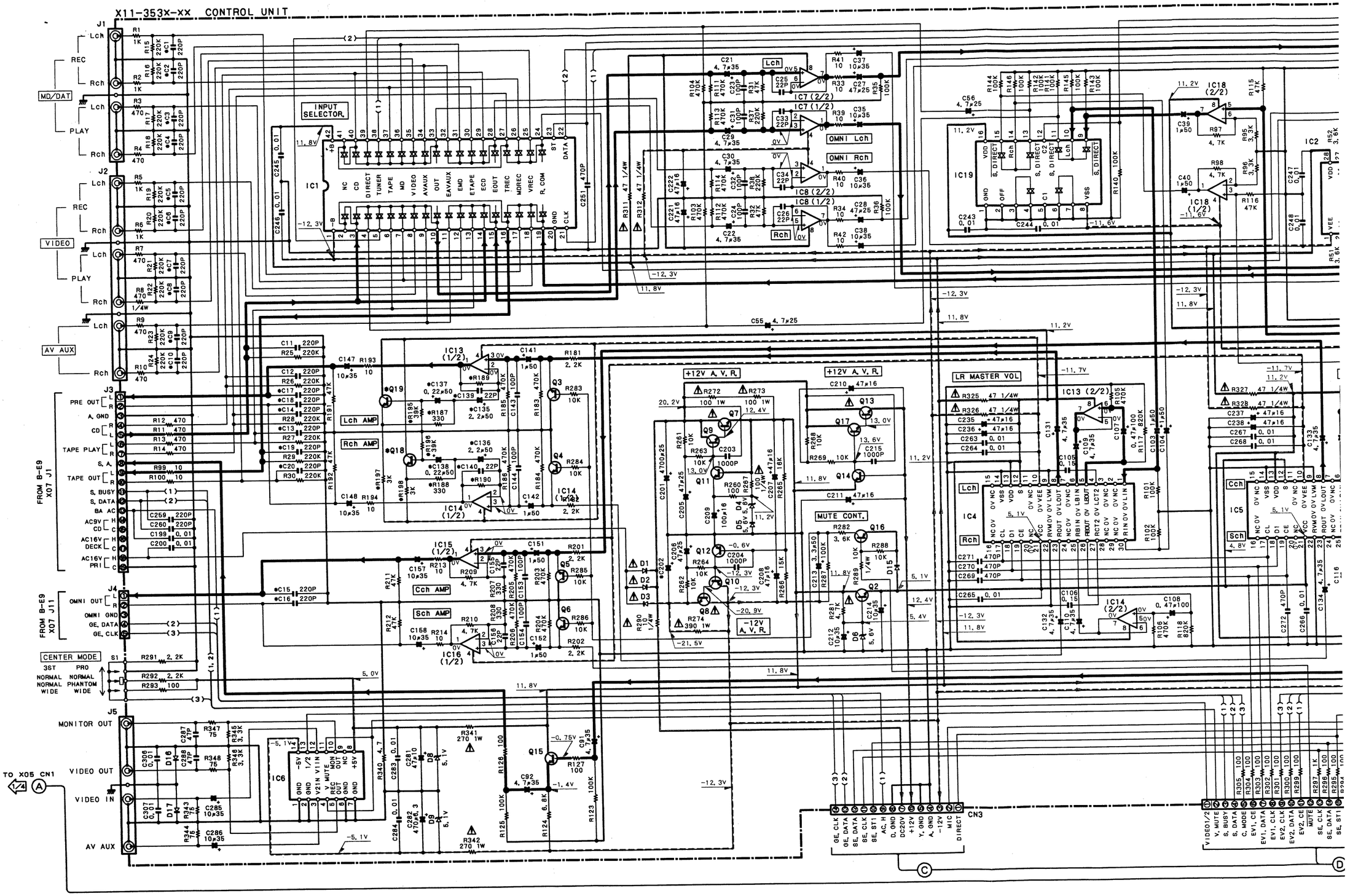


ABB	UNIT NO.	C1-10 C13-20	C135-138	C139 C140	C202	R187 R188	R189	R190	R195-198	Q18 Q19
K, P, X	0-00	NO	YES	YES	1000μ25	YES	1.2K	1.2K	YES	YES
T, E	2-71	YES								
M	0-21	NO			2200μ25					
G	3-31	YES	NO	NO	1000μ25	NO	W211	W212	NO	NO

IC1 :TC9274N-003
IC2 :NJU7313AL
IC3 :LC7538JM
IC4 :LC7536
IC5 :LC7536R
IC6 :NJM2279D
IC7-18 :NJM4565L
IC19 :TC9215P

Q1 :2SA954(L, K)
Q2 :2SC2003(L, K)
Q3-6 :2SC2878(B)
Q7, 8, 13 :2SD2012 or 2SD2374
Q9, 11, 14 15, 17 :2SC2458(Y, GR) or 2SC3311A(Q, R)
Q10, 12, 16 :2SA1048(Y, GR) or 2SA1309A(Q, R)
Q18, 19 :2SC1845(F, E)

D1-3 :S56
D4-6 :RD5
D8, 9 :RD5
D15-19 :HSS

CN2
L IN
L OUT
GE, L
GE, R
R OUT
R IN
DSP, R
DSP, L
C, CH
S, CH
MIX, L
MIX, R
DPT, R
DPT, L

CN3
GE, CLK
GE, DATA
SE, CLK
SE, STI
AC, H
D, GND
DC20V
+12V
Y, GND
A, GND
-12V
MIC
DIRECT

CN1
VIDEO1/2
V, MUTE
S, BUSY
S, DATA
C, MODE
EV1, CE
EV1, DATA
EV1, CLK
EV2, CLK
EV2, DATA
EV2, CE
MUTE
SE, CLK
SE, DATA
SE, ST1
SE, ST2
CH 8P
DO
PLL, CE
PLL, CLK
PLL, DATA
T, MUTE
STEREO
8D

WH1
8D
STEREO
Rch
GND
Lch
+12V
-12V
T, MUTE
DATA
CLK
CE
DO
CH 8P

LR MASTER VOL
CS MASTER VOL
REC AMP
DEPTH FRONT MIX AMP
DEPTH OMNI MIX AMP
MUTE CONT.
MIC AMP
OMNI Lch
OMNI Rch
+12V A. V. R.
-12V A. V. R.

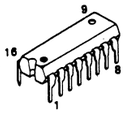
ABB	UNIT NO.	C1-10 C13-20	C135-138	C139 C140	C202	R187 R188	R189	R190	R195-198	Q18 Q19
K, P, X	0-00	NO	YES	YES	1000μ25	YES	1, 2K	1, 2K	YES	YES
T, E	2-71	YES			2200μ25					
M	0-21	NO								
G	3-31	YES	NO	NO	1000μ25	NO	W211	W212	NO	NO

IC1 :TC9274N-003
IC2 :NJU7313AL
IC3 :LC7538JM
IC4 :LC7536
IC5 :LC7536R
IC6 :NJM2279D
IC7-18 :NJM4565L
IC19 :TC9215P

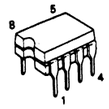
Q1 :2SA954(L, K)
Q2 :2SC2003(L, K)
Q3-6 :2SC2878(B)
Q7, 8, 13 :2SD2012 or 2SD2374
Q9, 11, 14 15, 17 :2SC2458(Y, GR) or 2SC3311A(O, R)
Q10, 12, 16 :2SA1048(Y, GR) or 2SA1309A(O, R)
Q18, 19 :2SC1845(F, E)

D1-3 :S5688B or 1SR139-100
D4-6 :RD5, 6ES(B2) or HZS5, 6N(B2)
D8, 9 :RD5, 1ES(B2) or HZS5, 1N(B2)
D15-19 :HSS104 or 1SS133

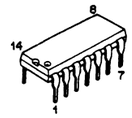
NE571N



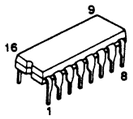
NJM4565D



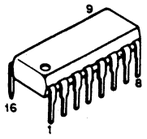
NJM2279D



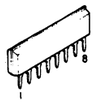
TC9215P



YM7128B



M5238AL



- DC voltages are as measured with DOLBY PRO LOGIC position (High-impedance voltmeter.). Values may vary slightly due to variations between individual instruments or/and units.

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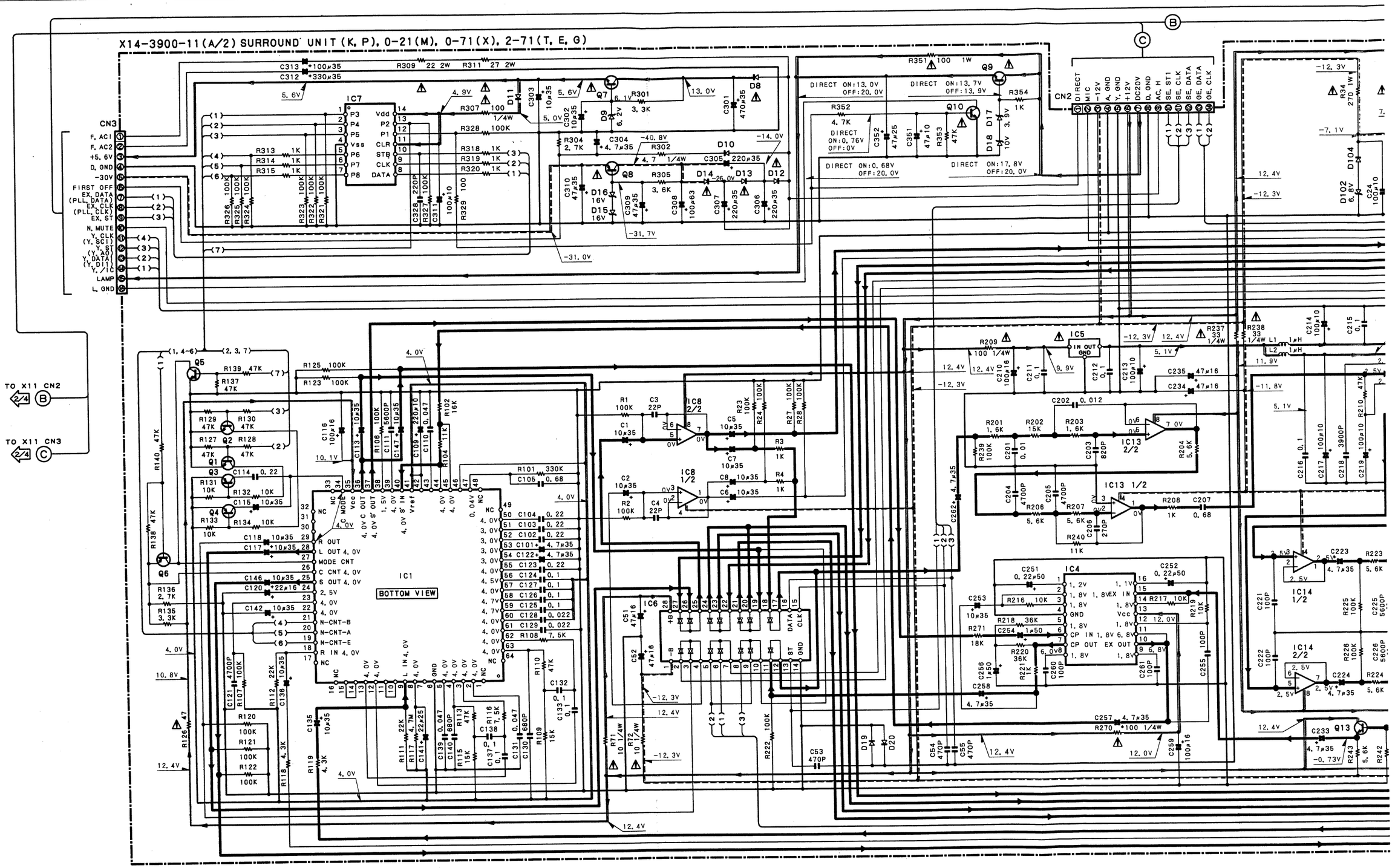
C-E9 2/4 (K)

Y08-5070-11

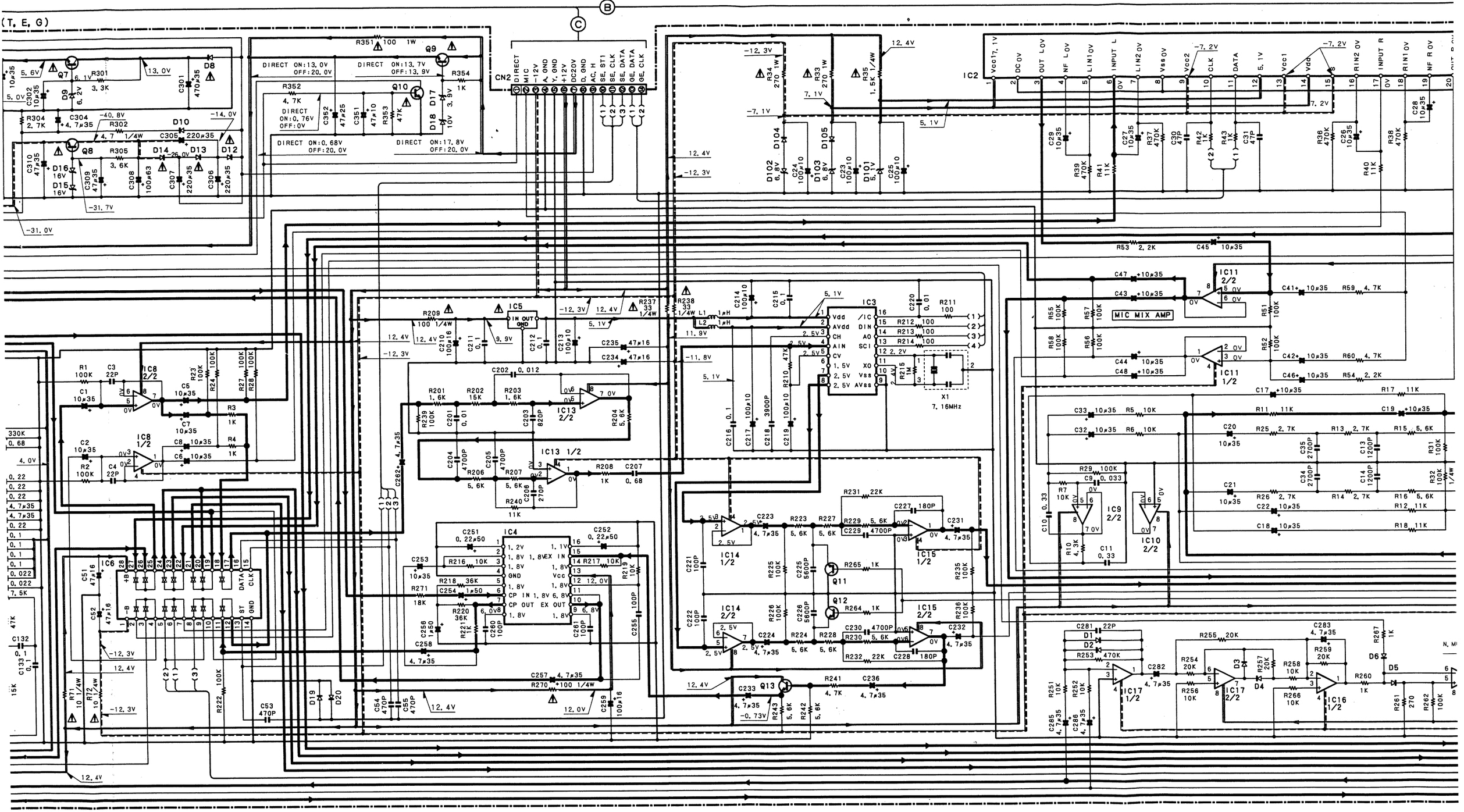
C-E9/L

KENWOOD

X14-3900-11(A/2) SURROUND UNIT (K, P), 0-21(M), 0-71(X), 2-71(T, E, G)



(T, E, G)

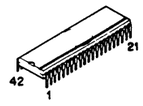

CN2 DIRECT MIC -12V A GND Y GND +12V DC20V D GND AC H SE ST1 SE CLK SE SE DATA GE DATA GE CLK
IC2 Vcc17 1V DC 0V OUT L 0V NF L 0V LIN1 0V INPUT L 0V LIN2 0V Vss 0V Vcc2 CLK DATA 5 1V Vcc1 Vdd INPUT R 0V RIN2 0V RIN1 0V NF R 0V
IC3 Vdd AVdd CH AIN CV 1.5V 2.5V 2.5V /IC DIN AO SCI XO Vss AVss
IC4 1.2V 1.8V 1.8V GND 1.8V CP IN 1.8V CP OUT 1.8V EX IN Vcc EX OUT
IC5 IN OUT GND
IC6 +B -B DATA CLK ST GND
IC8 2/2
IC8 1/2
IC9 2/2
IC10 2/2
IC11 2/2
IC11 1/2
IC13 2/2
IC13 1/2
IC14 1/2
IC14 2/2
IC15 1/2
IC15 2/2
IC16 1/2
IC17 1/2
IC17 2/2
MIC MIX AMP
X1 7.16MHz
Q7 Q8 Q9 Q10 Q11 Q12 Q13
D1 D2 D3 D4 D5 D6 D8 D9 D10 D12 D13 D14 D15 D16 D17 D18 D19 D20 D101 D102 D103 D104 D105
-12.3V
12.4V
5.1V
-7.1V
-7.2V
-31.0V
-14.0V
-40.8V
-31.7V
11.9V
-11.8V
12.0V
-0.73V

IC1 :NJM2177AFB3
IC2 :STK301-090
IC3 :YM7128B
IC4 :NE571N
IC5 :UPC78L05J
IC6 :NJU7311AL
IC7 :NJU3711D
IC8~11, 13, 15~17 :NJM4565L
IC14 :M5238AL

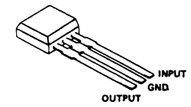
Q1, 2, 5, 13 :2SC2458(Y, GR)or 2SC3311A(Q, R)
Q3, 4, 6 :2SA1048(Y, GR)or 2SA1309A(Q, R)
Q7 :2SD2061 or 2SD2012
Q8 :2SB764(E, F)
Q9 :2SD2374
Q10 :2SC2003(L, K)
Q11, 12 :2SC2878(B)

D1~7, 19, 20, 104, 105 :HSS104 or 1SS133
D8, 12~14 :S5688Bor 1SR139-100
D9 :RD6. 2ES(B2)or HZS6. 2N(B2)
D10, 11 :HSS104A or 1SS131
D15, 16 :RD16ES(B2)or HZS16N(B2)
D17 :RD3. 9ES(B2)or HZS3. 9N(B2)
D18 :RD10ES(B2)or HZS10N(B2)
D101 :RD5. 1ES(B2)or HZS5. 1N(B2)
D102, 103 :RD6. 8ES(B2)or HZS6. 8N(B2)

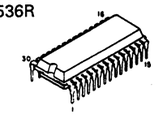
NJU3711D



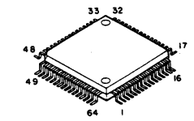
UPC78L05J



LA1851N
LC7536
LC7536R



NJM2177AFB3



- DC voltages are as measured with DOLBY PRO LOGIC position (High-impedance voltmeter.). Values may vary slightly due to variations between individual instruments or/and units.

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C-E9 (3/4) (K)

Y08-5070-11

C-E9/L
KENWOOD

X14-390x-xx(2/B) DISPLAY UNIT

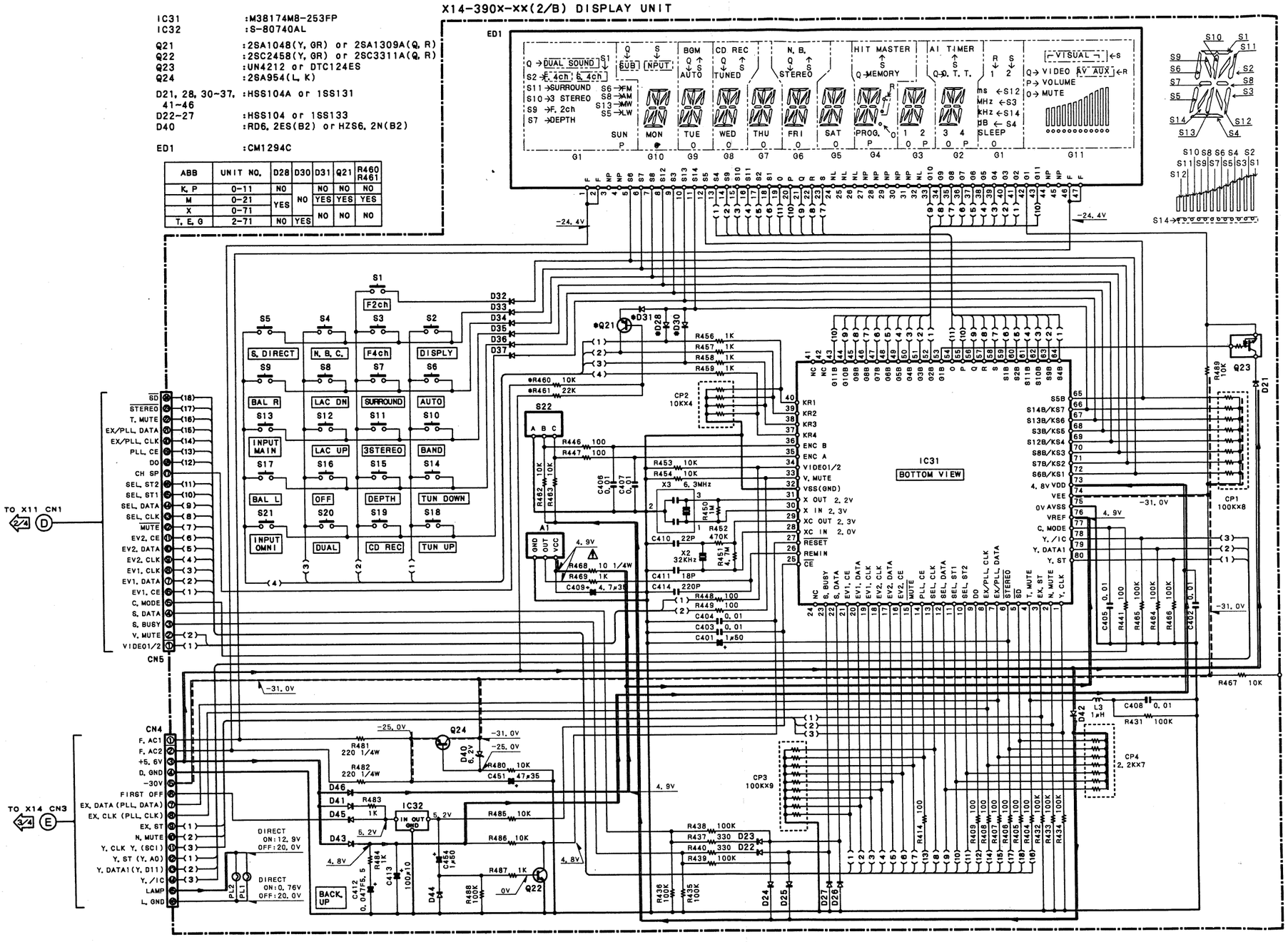
IC31 :M38174M8-253FP
IC32 :S-80740AL

Q21 :2SA1048(Y, GR) or 2SA1309A(Q, R)
Q22 :2SC2458(Y, GR) or 2SC3311A(Q, R)
Q23 :UN4212 or DTC124ES
Q24 :2SA954(L, K)

D21, 28, 30-37, 41-46 :HSS104A or 1SS131
D22-27 :HSS104 or 1SS133
D40 :RD6, 2ES(B2) or HZS6, 2N(B2)

ED1 :CM1294C

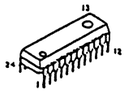
ABB	UNIT NO.	D28	D30	D31	Q21	R460 R461
K, P	0-11	NO	NO	NO	NO	NO
M	0-21	YES		YES	YES	YES
X	0-71			NO	NO	NO
T, E, G	2-71	NO	YES			



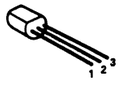
SIGNAL LINE
GND LINE
+B LINE
−B LINE

NJM4565L

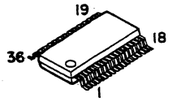
LC7218



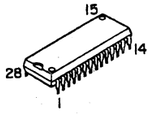
S-80740AL



LC7538JM



NJU7311AL
NJU7313AL



- DC voltages are as measured with DOLBY PRO LOGIC position (High-impedance voltmeter.). Values may vary slightly due to variations between individual instruments or/and units.

CAUTION : For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

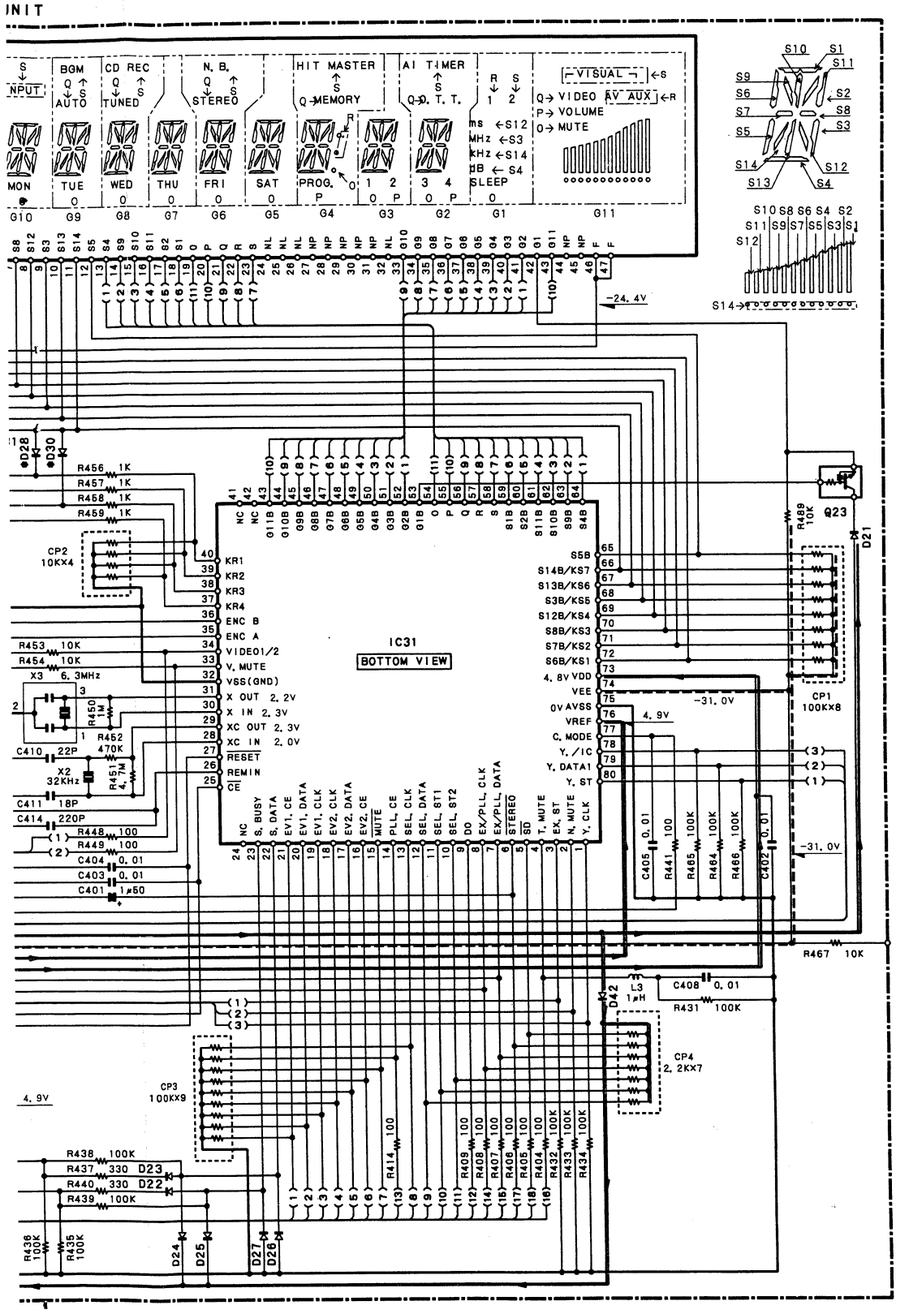
C-E9 (4/4) K

Y08-5070-11

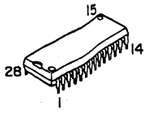
C-E9/L
KENWOOD

C-E9/L

INIT



NJU7311AL
NJU7313AL



- DC voltages are as measured with DOLBY PRO LOGIC position (High-impedance voltmeter.). Values may vary slightly due to variations between individual instruments or/and units.

CAUTION : For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

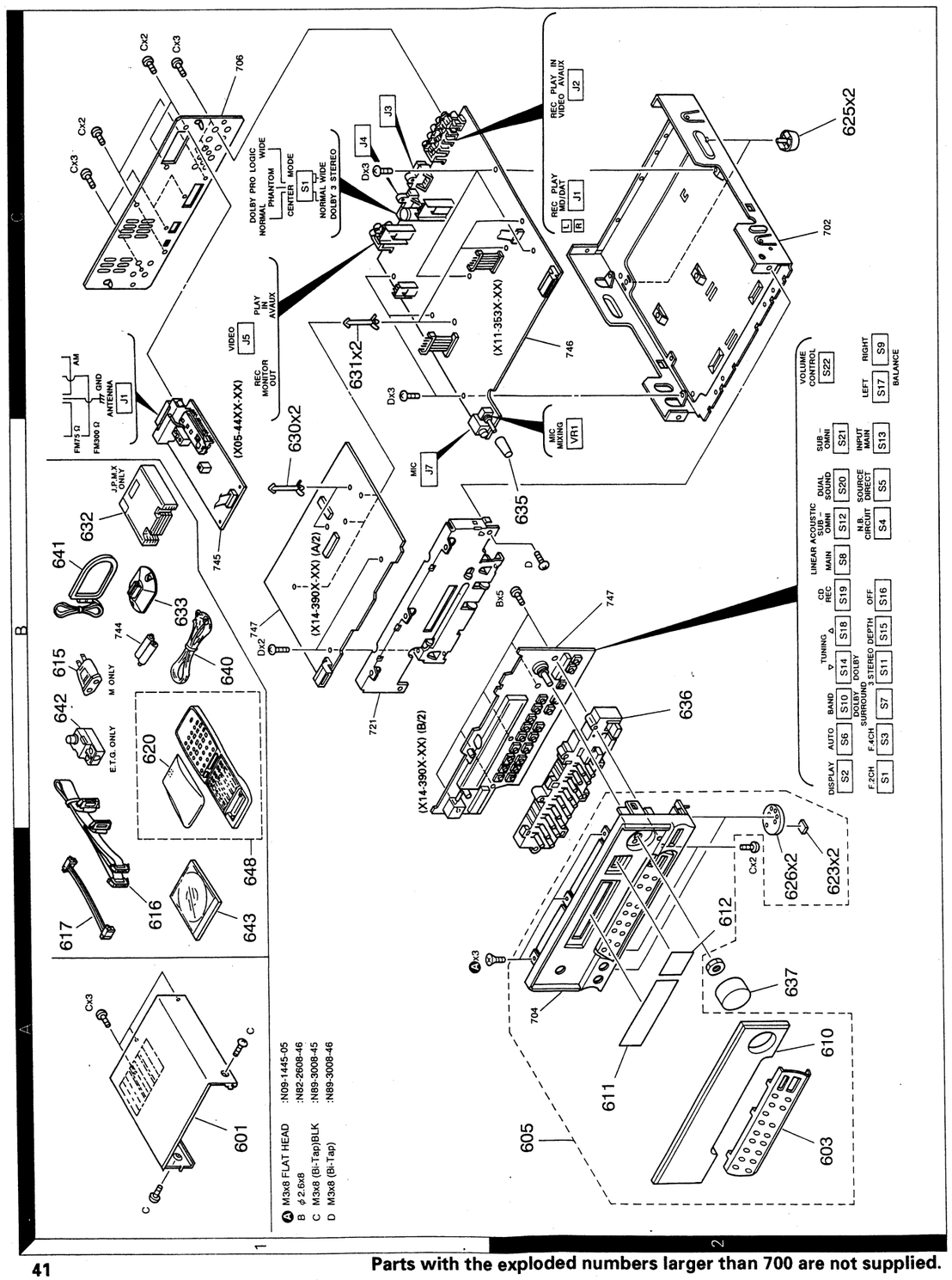
SIGNAL LINE
GND LINE
+B LINE
−B LINE

C-E9 (4/4) K

Y08-5070-11

C-E9/L
KENWOOD

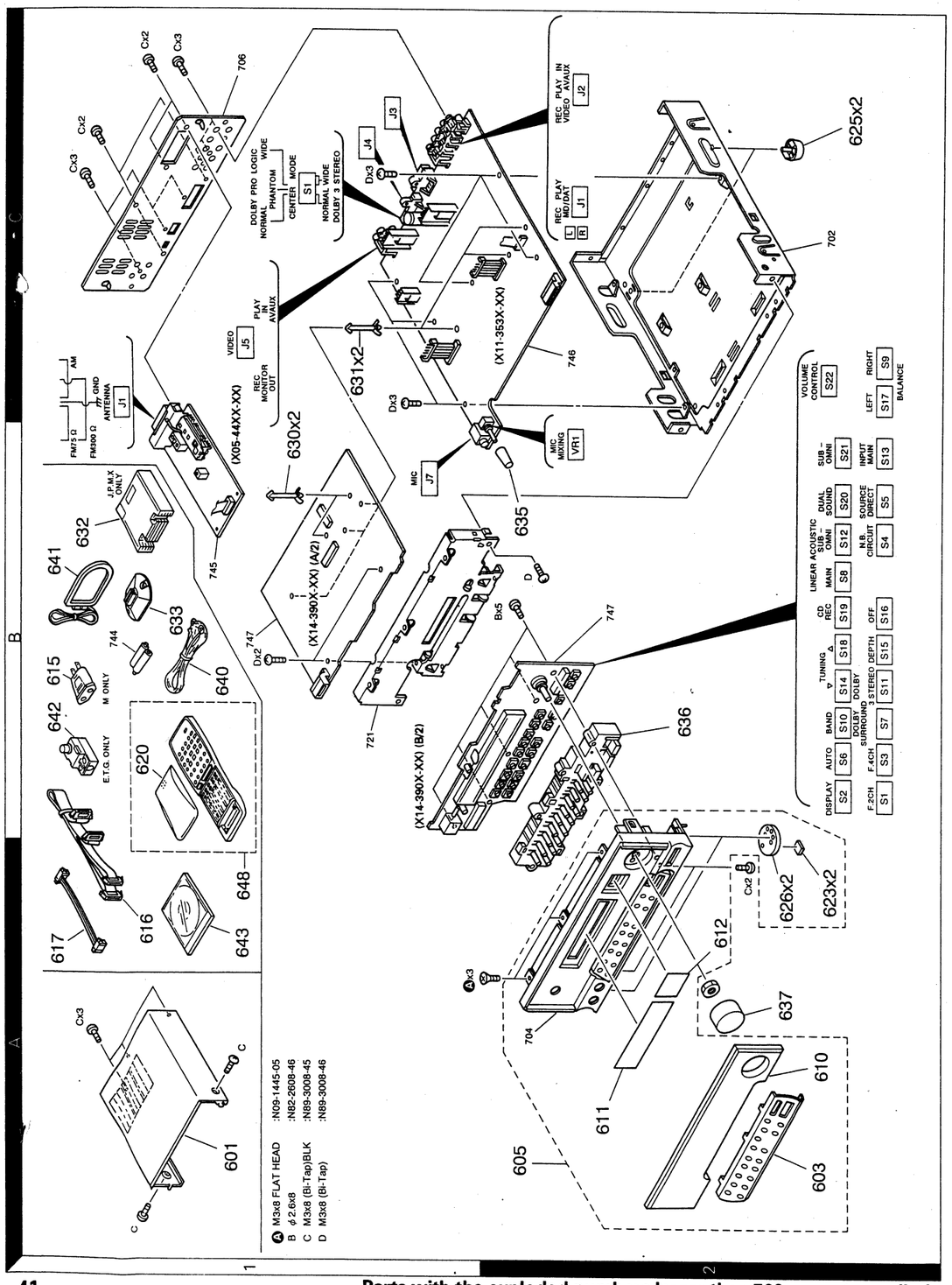
EXPLODED VIEW (UNIT)



A M3x6 FLAT HEAD :N09-1445-05
B ø2.6x8 :N82-2608-46
C M3x8 (Bi-Tap)BLK :N89-3008-45
D M3x8 (Bi-Tap) :N89-3008-46

Parts with the exploded numbers larger than 700 are not supplied.

EXPLODED VIEW (UNIT)



Parts with the exploded numbers larger than 700 are not supplied.

PARTS LIST

* New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnés dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Destination 仕向	Remarks 備考
			C-E9			
601	1A	*	A01-3132-01	METALLIC CABINET		
603	2A	*	A21-1857-03	DRESSING PANEL		
605	2A	*	A60-0642-02	PANEL ASSY		
610	2A	*	B10-2020-03	FRONT GLASS		
611	2A	*	B11-0285-04	COLOR FILTER		
612	2A	*	B12-0242-04	INDICATOR		
-			B09-0171-04	CAP SPEAKER		
-			B46-0096-43	WARRANTY CARD	X	
-		*	B46-0121-33	WARRANTY CARD	P	
-		*	B46-0307-13	WARRANTY CARD	K	
-		*	B58-0964-13	CAUTION CARD (UL)	K	
-		*	B58-0965-13	CAUTION CARD (PTX TYPE PL)	PX	
-		*	B58-0966-13	CAUTION CARD (ELM TYPE PL)	M	
-		*	B60-1795-00	INSTRUCTION MANUAL(EN)		
-		*	B60-1796-00	INSTRUCTION MANUAL(F)	P	
-		*	B60-1800-00	INSTRUCTION MANUAL(SP)	M	
-		*	B60-1801-00	INSTRUCTION MANUAL	M	
-		*	B60-1803-00	INSTRUCTION MANUAL(TAIWAN)	M	
△615	1B		E03-0115-05	AC PLUG ADAPTER	M	
616	1A		E30-2738-05	CORD WITH CONNECTOR 19P		
617	1A	*	E30-2772-05	CORD WITH CONNECTOR 5P		
620	1B		F07-0721-33	BATTERY COVER		
623	2A		G11-2052-14	CUSHION		
625	2C		J02-0366-15	FOOT REAR		
626	2A		J02-1095-04	FOOT FRONT		
630	1B		J19-3329-05	UNIT HOLDER		
631	1C		J19-3330-15	UNIT HOLDER	PMX	
632	1B		J19-3394-13	HOLDER ASSY	PMX	
633	1B		J19-3645-05	ANTENNA HOLDER	PMX	
635	2B	*	K29-4357-04	KNOB MIC MIXING		
636	2B	*	K29-5920-12	KNOB VOLUME CONTROL		
637	2A	*	K29-5922-04	KNOB		
A	1A		N09-1445-05	SET SCREW (M3X8)		
B	2B		N82-2608-46	BINDING HEAD TAPTITE SCREW		
C	1C,2C		N89-3008-45	BINDING HEAD TAPTITE SCREW		
D	1B,1C		N89-3008-46	BINDING HEAD TAPTITE SCREW		
640	1B		T90-0182-15	LEAD WIRE ANTENNA		
641	1B		T90-0195-05	LOOP ANTENNA		
643	1A	*	W01-0861-05	CD DISK		

L: Scandinavia K: USA P: Canada R: Mexico
Y: PX (Far East, Hawaii) T: England E: Europe G: Germany
Y: AAFES (Europe) X: Australia M: Other Areas

△ indicates safety critical components.

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Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Destination 仕向	Remarks 備考
			C-E9L			
601	1A	*	A01-3132-01	METALLIC CABINET		
603	2A	*	A21-1857-03	DRESSING PANEL		
605	2A	*	A60-0643-02	PANEL ASSY		
610	2A	*	B10-2022-03	FRONT GLASS		
611	2A	*	B11-0285-04	COLOR FILTER		
612	2A	*	B12-0242-04	INDICATOR		
-			B09-0171-04	CAP SPEAKER		
-			B46-0310-03	WARRANTY CARD		
-		*	B58-0965-13	CAUTION CARD (PTX TYPE PL)	T	
-		*	B58-0966-13	CAUTION CARD (ELM TYPE PL)	E	
-		*	B58-0970-13	CAUTION CARD (RG TYPE PL)	G	
-			B59-0200-00	SUB-INSTRUCTION	G	
-		*	B60-1795-00	INSTRUCTION MANUAL(EN)	TE	
-		*	B60-1796-00	INSTRUCTION MANUAL(F)	E	
-		*	B60-1797-00	INSTRUCTION MANUAL(G)	EG	
-		*	B60-1798-00	INSTRUCTION MANUAL(D)	E	
-		*	B60-1799-00	INSTRUCTION MANUAL(I)	E	
-		*	B60-1800-00	INSTRUCTION MANUAL(SP)	E	
616	1A		E30-2738-05	CORD WITH CONNECTOR 19P		
617	1A	*	E30-2772-05	CORD WITH CONNECTOR 5P		
620	1A		F07-0721-33	BATTERY COVER		
623	2A		G11-2052-14	CUSHION		
-		*	H50-1062-04	ITEM CARTON CASE		
-		*	H10-5758-02	POLYSTYRENE FOAMED FIXTURE(L)		
-		*	H10-5759-02	POLYSTYRENE FOAMED FIXTURE(R)		
-			H13-0039-04	CARTON BOARD	EG	
-			H25-0632-24	PROTECTION BAG ('0632 PRINTED)	T	
-			H25-0644-04	PROTECTION BAG		
-			H25-0681-04	PROTECTION BAG		
-			H25-1539-04	PROTECTION BAG		
625	2C		J02-0366-15	FOOT REAR		
626	2A		J02-1095-04	FOOT FRONT		
630	1B		J19-3329-05	UNIT HOLDER		
631	1C		J19-3330-15	UNIT HOLDER		
633	1B		J19-3645-05	ANTENNA HOLDER		
635	2B	*	K29-4357-04	KNOB MIC MIXING		
636	2B	*	K29-5920-12	KNOB VOLUME CONTROL		
637	2A	*	K29-5922-04	KNOB		
A	1A		N09-1445-05	SET SCREW (M3X8)		
B	2B		N82-2608-46	BINDING HEAD TAPTITE SCREW		
C	1C,2C		N89-3008-45	BINDING HEAD TAPTITE SCREW		
D	1B,1C		N89-3008-46	BINDING HEAD TAPTITE SCREW		
640	1B		T90-0182-15	LEAD WIRE ANTENNA		
641	1B		T90-0195-05	LOOP ANTENNA		
642	1B	*	T90-0198-05	ANTENNA ADAPTOR		
643	1A	*	W01-0861-05	CD DISK		
648	1A	*	X94-1050-61	REMOTE CONTROL ASSY UNIT		

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